

**CHP/DHC Collaborative**

**CHP/DHC Working Group**

**International Energy Agency CHP/DHC Collaborative & Clean Energy  
Ministerial CHP/DHC Working Group  
Joint Strategic Workshop**

***27-28 May 2014***

***Room 2***

***IEA Headquarters, Paris***

***9, rue de la Fédération***

The IEA International CHP/DHC Collaborative was initiated in 2007 with the goal of advancing international data quality, analysis, and awareness about the importance of CHP and DHC as a sustainable energy strategy. The Collaborative has developed a series of publications and analysis highlighting global status and potential; best-practice policies; and country *CHP/DHC Scorecards* with assessments of different national approaches.

As part of Global Superior Energy Performance Partnership (2010), the Clean Energy Ministerial CHP/DHC Working Group was created with the mission to increase awareness about the vast potential of CHP and efficient DHC to help reducing fuel consumption and GHG emissions, increasing the use of renewable resources for heat and power production, reducing dependence on imported energy and increasing economic competitiveness and employment.

Since the re-launch of the IEA CHP/DHC Collaborative in 2013, both the Collaborative and the Clean Energy Ministerial CHP/DHC Working Group have worked closely together. They would like to invite collaborators to convene on 27-28 May to present the results from current Phase III and discuss the programme of work for Phase IV. The meeting will be structured to allow roundtable discussion and active participation from all attendants, to share experiences and views on strategic areas of analysis that can help unveiling the added value of CHP and DHC technologies in sustainable energy systems. The outcome of the meeting will be an agreed work plan for the next two years, along with assignment of roles and responsibilities for implementation.

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### Agenda

Day 1 (27 May)	
09:00hr	<p><b>Welcome speech</b> <i>Jean-François Gagné, Energy Technology and Policy Division Head, IEA</i></p>
<b>Where do we stand today?</b>	
09:10hr	<p><b>Update from Clean Energy Ministerial CHP/DHC Working Group</b> Briefing on discussions at CEM 5 Seoul <i>Pentti Puhakka, Energy Dpt. Ministry of Employment and the Economy Finland</i></p>
09:30hr	<p><b>IEA CHP/DHC Collaborative Phase III</b> Present latest publications and findings on ongoing projects within Phase III</p> <ul style="list-style-type: none"> <li>– CHP/DHC Country Scorecards series <i>Kira West, IEA</i></li> <li>– <i>Linking heat and electricity systems: Co-generation and DHC solutions for a clean energy future</i> report <i>Kira West, IEA; John Dulac, IEA; Araceli Fernandez, IEA</i></li> </ul>
09:45hr	
10:20hr	<b>Coffee break</b>
<b>Which areas should we focus on in the future?</b>	
10:40hr	<p><b>IEA CHP/DHC Collaborative next steps: Phase IV</b> Recap conclusions from brainstorming discussion at Nov 2013 Workshop; highlight key strategic areas:</p> <ul style="list-style-type: none"> <li>– Focus on flexibility benefits of CHP/DHC: local and global level</li> <li>– Explore solutions to overcome data gaps and modelling limitations</li> <li>– Improve communication of results</li> </ul> <p><i>Araceli Fernandez, IEA</i></p>
<b>What is it happening in the short term in these areas?</b>	
<b>I. Topical synergies:</b>	
10:50hr	<p><b>IEA ETP 2016 project: theme and scope</b> <i>Jean-François Gagné, Energy Technology and Policy Division Head, IEA; John Dulac, IEA</i></p>
11:20hr	<p><b>Euroheat&amp;Power: DHC and EU policy framework</b> <i>Paul Voss, Euroheat&amp;Power</i></p>
11:40hr	<p><b>CEM Global Sustainable Cities Network (GSCN): overview of latest and coming activities</b> <i>Albin Carlén, GSCN</i></p>

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<b>Day 1 (27 May)</b>	
12:10hr	<b>Euroheat&amp;Power: The role of thermal grids in the Smart City</b> <i>Ralf-Roman Schmidt, Austrian Institute of Technology</i>
12:40hr	<b>Lunch break</b>
13:40hr	<b>21<sup>st</sup> Century Power Partnership: overview of latest and coming activities</b> <i>Ron Benioff, 21<sup>st</sup> Century Power Partnership</i>
14:10hr	<b>International Smart Grid (ISGAN): overview of latest and coming activities</b> <i>Yonghun Jung and Bo Diczfalusy, ISGAN</i>
14:40hr	<b>Role of integrated DHC and CHP technologies within the Japanese energy strategy</b> <i>Motohiro Sei, Japan Gas Association</i>
15:10hr	<b>Coffee break</b>
15:30hr	<b>Role of flexible and resilient energy generation systems in US</b> <i>Katrina Pielli, US DoE ; Rob Thornton, IDEA</i>
<b>II. Modelling and data synergies:</b>	
16:00hr	<b>EU Energy Efficiency Directive – data collection experience from countries</b> – Germany <i>Maria Grajcar, AGFW</i>
16:30hr	– UK <i>Jonathan Graham, CHPA</i>
17:00hr	<b>Euroheat&amp;Power: Heat Roadmap Europe 2050, heat mapping and modelling capabilities</b> <i>Henrik Lund, Aalborg University.</i>
17:30hr	<b>IEA DHC Implementing Agreement: overview of latest and coming activities</b> <i>Robin Wiltshire, DHC Implementing Agreement</i>
18:00hr	<b>Adjournment of meeting</b>

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Day 2 (28 May)	
<b>How can we join forces towards a common goal?</b>	
09:30hr	<b>IEA CHP/DHC Collaborative Phase IV programme</b> <ul style="list-style-type: none"> <li>– Present proposed Phase IV scope</li> <li>– Discuss time line and required resources needs</li> </ul> <i>Araceli Fernandez, IEA; John Dulac, IEA</i>
10:30hr	<b>Coffee break</b>
11:00hr	<b>Phase IV Communication plan</b> Present a proposal to effectively communicate results and discuss collaboration and involvement of stakeholders on this common effort. <i>Pentti Puhakka, Energy Dpt. Ministry of Employment and the Economy Finland</i>
11:40hr	<b>Roundtable discussion on proposed programme and conclusions</b> <i>Araceli Fernandez, IEA</i>
12:30hr	<b>End of meeting</b>



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